general data/description

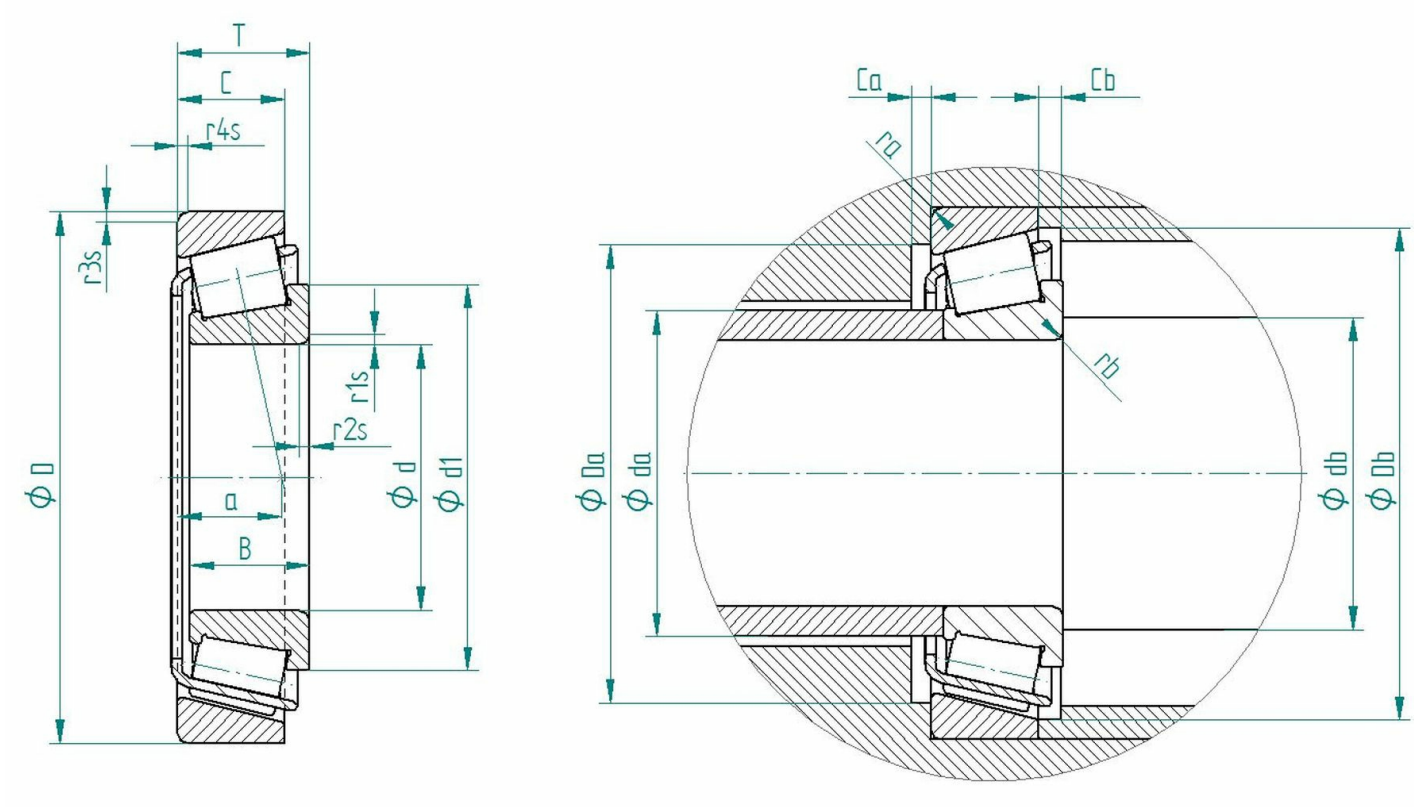
created: 26.02.2015 / 02 page: 1 / 2

article 32205 **Art-No.** 3879 **brand** SKA **weight/kg** 0.189

description **remark** Description according ISO 355: T 2CD 025

32205 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -12	620-2
D	nominal outer diameter	52	0 / -16	620-2
T	bearing width	19.25	200 / 0	620-2
B	inner ring width	18	0 / -120	620-2
C	outer ring width	16	0 / -150	620-2
d1	flange diameter of the inner ring	40.2		
da max.	mounting dimension	31		5418
db min.	mounting dimension	31		5418
Da max.	mounting dimension	46		5418
Da min.	mounting dimension	44		5418
Db min.	mounting dimension	48		5418
Ca min.	mounting dimension	3		5418
Cb min.	mounting dimension	4		5418
r1s min.	minimal chamfer dimension	1		720
r3s min.	minimal chamfer dimension	1		720
ra max.	mounting dimension	1		5418
rb max.	mounting dimension	1		5418
a	load application point	14		
alpha	contact angle	13.5°		
r2s min.	minimal chamfer dimension	1		720
r4s min.	minimal chamfer dimension	1		720

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article 32205 **Art-No.** 3879

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	41000		281	45000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7300	9800

operating temperature	max. [°C]	min. [°C]
	120	-20

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Tapered rollers	100Cr6	683-17	58-65
Cage	St12		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.